

K I N G S W O O D
U R B A N D I S T R I C T C O U N C I L

oOo

A N N U A L R E P O R T
O F T H E

M E D I C A L O F F I C E R O F H E A L T H

F O R T H E Y E A R
1950

1841

1842

1843

1844

1845

1846

1847

1848

MEMBERS OF THE KINGSWOOD URBAN DISTRICT COUNCIL

1950

Chairman

Mr. F. G. Powell, J.P., (to 24/5/50)
Mr. J. Thompson, J.P., (from 24/5/50)

Vice-Chairman

Mr. A.F. Hall

Members

Mr. W. Barnett
Mr. E.G. Critchley
Mr. D. Evans
Mrs. E.A. Griffiths
Mr. G.C.G. Jay
Mr. A. Jefferies, J.P.
Dr. I. Macdonald
Mr. G.G. Macdonald
Mr. G.H. Montacute
Mr. J.H. Murphy
Mr. R.W. Parslow
Mr. O.A. Webb (Elected 3/6/50)

Members of Health and Housing Committees 1950

Health

Chairman

Mr. E.G. Critchley

Mr. J. Thompson, J.P.
Mr. A.F. Hall
Dr. I. Macdonald
Mr. G.H. Montacute
Mr. R.W. Parslow
Mr. F.G. Powell, J.P.

Housing

Chairman

Mr. W. Barnett

Mr. J. Thompson, J.P.
Mr. A.F. Hall
Mrs. E.A. Griffiths
Mr. J.H. Murphy
Mr. R.W. Parslow
Mr. O.A. Webb

Public Health Staff

Medical Officer of Health, who is Medical Officer of Health to the South Gloucestershire Combined (M.O.H.) Districts:

JAMES MENZIES CORMACK, M.B., Ch.B., D.P.H., D.P.A.,
(Appointed 1st May, 1938)

Senior Health Inspector, Housing Officer, Cleansing Officer
(who also executes duties under Shops Act, Petroleum Act
and Factories Act)

GEORGE EWART CURTIS, F.S.I.A., M.R.San.I. (Cert. Sanitary
Inspector and Meat and Food Inspector)
(Appointed 18th September, 1933)

Assistant Health Inspector

HOWARD JAMES BRYANT, M.S.I.A., M.R.San.I. (Cert. Sanitary
Inspector and Meat and Food Inspector)

Secretary

MRS. J.M. SWEETING (from 1/2/49)



A N N U A L R E P O R T
OF THE
MEDICAL OFFICER OF HEALTH
FOR
THE KINGSWOOD URBAN AREA
FOR THE YEAR 1950

oOo

To the Chairman and Members of the
Kingswood Urban District Council.

Mr. Chairman, Lady and Gentlemen,

I have pleasure in submitting my Annual Report on the work of the Public Health Services for the year 1950. The report is the 56th of the series presented to the Council since the formation of the Urban District in 1894 and is submitted in accordance with the requirements of the Ministry of Health, based on figures supplied by the Registrar General.

1. STATISTICS AND SOCIAL CONDITIONS
OF THE AREA

(a) General Statistics

	1950
Area of District	1530 acres
Population (Registrar General's estimate mid-year)	19,070
Elevation above sea-level (Hopewell Hill).	373ft.
No. of inhabited houses December (Rate Books)... ..	5464
Estimated No. of void houses (December)... ..	1
Rateable Value (31/12/50)	£89,348
Sum presented by penny rate (year 49/50)..	£344

(b) Social Conditions

The health of the district has been maintained at a fairly high level and the incidence of infectious disease was normal. Sporadic cases of Poliomyelitis occurred, none of which was fatal.

The Council's Housing Programme has been fully maintained within the limits imposed by necessary controls. In these days of full employment it is only those who are physically incapable of work who need be out of a job.

THE UNIVERSITY OF CHICAGO

OFFICE OF THE DEAN

1100 S. MICHIGAN AVE.

CHICAGO, ILL. 60607

1968

Dear Mr. [Name]:

I am pleased to inform you that

your application for admission to the University of Chicago has been accepted. We are pleased to have you join our community of students and faculty.

Very truly yours,

[Signature]

Admission Requirements	
1. High School Grade Point Average	3.5
2. SAT Score	1200
3. ACT Score	30
4. Letters of Recommendation	3
5. Personal Statement	1
6. Interview	1

Sincerely,

Yours faithfully,
[Signature]

Table showing Principal Causes of Death, 1950

Causes of Deaths		Under 1 yr.	1-	5-	15-	25-	45-	65-	75-	Total
1. Tuberculosis, respiratory		-	-	-	-	3	2	1	1	7
2. Tuberculosis, other		-	-	-	-	-	-	-	-	-
3. Syphilitic disease		-	-	-	-	-	-	-	-	-
4. Diphtheria		-	-	-	-	-	-	-	-	-
5. Whooping Cough		-	-	-	-	-	-	-	-	-
6. Meningo-coccal infections		-	-	-	-	-	-	-	-	-
7. Acute poliomyelitis		-	-	-	-	-	-	-	-	-
8. Measles		-	-	-	-	-	-	-	-	-
9. Other infective and parasitic diseases		-	-	-	-	-	-	-	-	-
10. Malignant neoplasm, stomach		-	-	-	-	1	7	2	-	10
11. Malignant neoplasm, lung, bronchus		-	-	-	-	-	3	2	-	5
12. Malignant neoplasm, breast		-	-	-	-	1	1	1	1	4
13. Malignant neoplasm, uterus		-	-	-	-	2	1	-	1	4
14. Other malignant & lymphatic neoplasms		-	-	-	1	-	8	5	6	20
15. Leukaemia, aleukaemia		-	-	-	-	-	-	-	-	-
16. Diabetis		-	-	-	-	-	-	-	-	-
17. Vascular lesions of nervous system		-	-	-	-	-	3	10	13	26
18. Coronary disease, angina		-	-	-	-	-	5	13	7	25
19. Hypertension with heart disease		-	-	-	-	-	1	1	3	5
20. Other heart disease		-	-	1	-	-	5	8	32	46
21. Other circulatory disease		-	-	-	-	1	-	1	6	7
22. Influenza		-	-	-	-	-	-	-	-	1
23. Pneumonia		-	-	1	-	-	2	-	3	6
24. Bronchitis		-	-	-	-	-	1	4	6	11
25. Other diseases of respiratory system		-	-	-	-	-	-	2	1	3
26. Ulcer of stomach and duodenum		-	-	-	-	-	1	1	-	2
27. Gastritis, enteritis and diarrhoea		-	-	-	-	-	1	-	-	1
28. Nephritis and nephrosis		-	-	-	-	-	1	3	1	5
29. Hyperplasia of prostate		-	-	-	-	-	-	-	1	1
30. Pregnancy, childbirth, abortion		-	-	-	-	-	-	-	-	-
31. Congenital malformations		1	-	2	-	2	-	-	-	5
32. Other defined and ill-defined diseases		-	-	-	-	-	2	6	3	11
33. Motor vehicle accidents		-	-	1	-	1	1	1	-	3
34. All other accidents		-	-	-	-	-	1	1	-	2
35. Suicide		-	-	-	-	-	-	-	-	-
36. Homicide and operations of war		-	-	-	-	-	-	-	-	-
37. All other causes		1	-	-	-	-	-	-	-	1
TOTALS:		2	-	5	1	12	47	62	85	214

TOTALS:

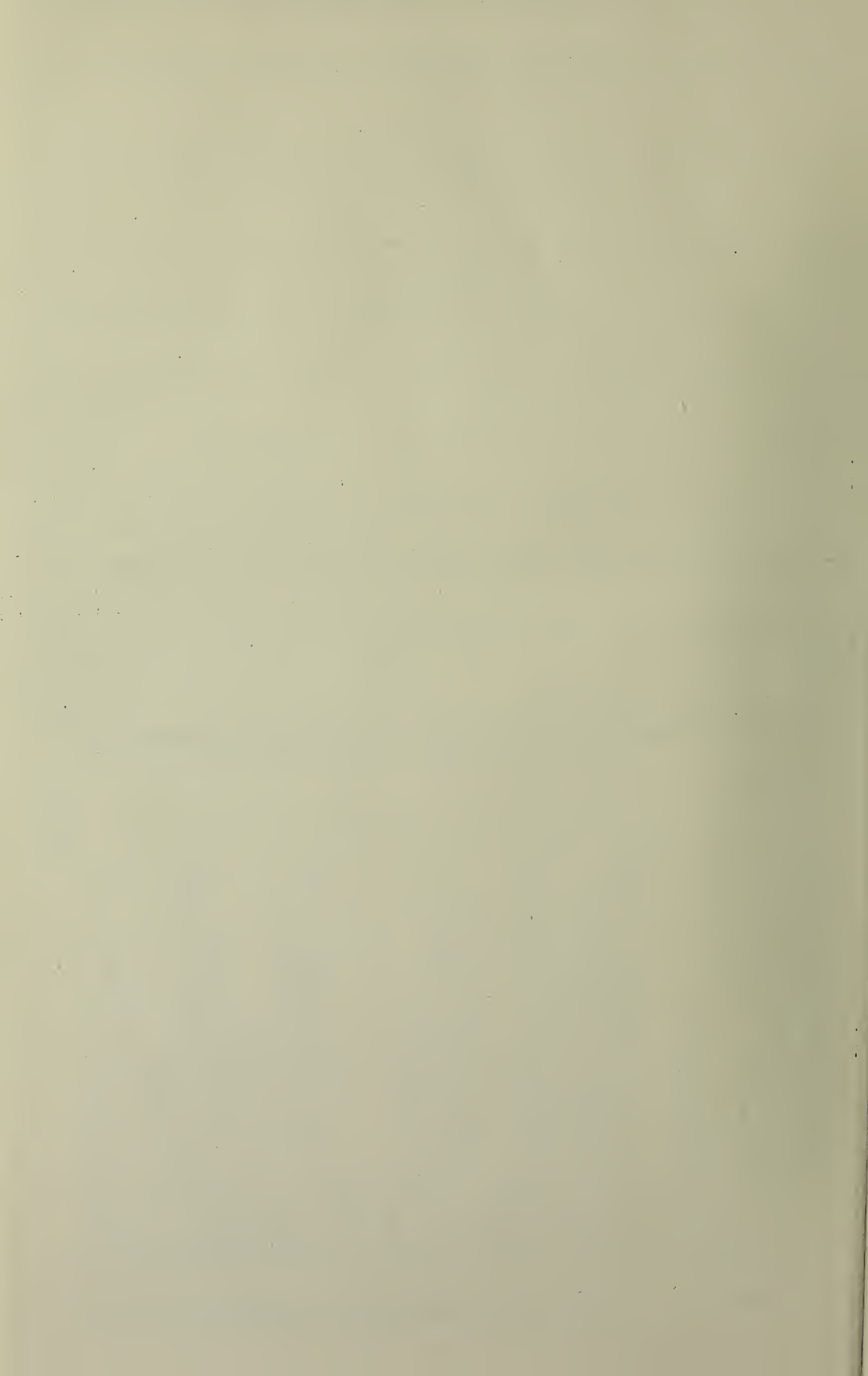


Table showing Incidence of Infectious Disease in Age Groups, 1950.

Disease	Under 1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 & over	Total cases	Cases admitt- ed to Hosp.	Total Deaths
Diphtheria															
Scarlet Fever		2	8	5	9	21	4		3					7	
Measles	4	17	16	26	35	35									
Whooping Cough	5	14	13	17	15	22	4		1						
Pneumonia				1		2		2			1			3	1
Erysipelas									1	2		1		2	
Poliomyelitis		1			1										
Meningitis															
Puerperal Fever								1							
Tonsillitis										1				1	
Food Poisoning															
Chicken Pox						1									
TOTALS	9	34	37	49	60	81	8	3	5	3	1	1	291	13	1



Table showing Incidence of Infectious Disease in Wards

Disease	North	South	East	West	Mount Hill
Diphtheria... ..	-	-	-	-	-
Scarlet Fever ...	16	15	12	7	2
Measles	32	20	22	44	15
Whooping Cough ...	18	21	19	19	14
Pneumonia	-	1	1	2	2
Erysipelas... ..	-	2	-	1	1
Poliomyelitis ...	1	-	-	1	-
Meningitis... ..	-	-	-	-	-
Puerperal Fever ...	-	-	-	1	-
Food Poisoning ...	-	-	-	-	-
Tonsillitis... ..	-	-	-	1	-
Chicken Pox... ..	1	-	-	-	-

Table showing New Cases and Deaths (Tuberculosis) in
Age Groups

1951

<u>AGE</u>	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
Under 1 year ...	-	-	-	-	-	-	-	-
1 - 5 years ...	-	-	1	-	-	-	-	-
5 - 15 years ...	2	1	1	1	-	-	-	-
15 - 25 years ...	2	2	1	-	-	-	-	-
25 - 35 years ...	2	-	-	-	1	-	-	-
35 - 45 years ...	5	1	-	1	3	-	-	-
45 - 55 years ...	1	1	-	-	-	-	-	-
55 - 65 years ...	1	1	-	-	1	1	-	-
65 upwards ...	1	-	-	-	1	-	-	-
<u>TOTALS</u> ...	14	6	3	2	6	1	-	-

Table Showing Tuberculosis Cases
1950

NEW CASES				DEATHS			
Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
Male		Male	Female	Male	Female	Male	Female
47yrs. Builders' Labourer. 40yrs. State enrolled Reg'd Nurse. 30yrs. No known occupation. 35 yrs. No known occupation. 4lyrs. Truck Driver. 37yrs. Engineer. 1lyrs. Schoolboy. 40yrs. No known occupation. 28yrs. No known occupation. 64yrs. No occupation. 9yrs. Schoolboy. 19yrs. Student, Bristol Univ'y. 22yrs. Boot Operative. 68yrs. Sub Post Master.	4lyrs. H'wife. 65yrs. H'wife. 47yrs. Home Help. 10yrs. School-girl. 22yrs. Corset Machinist. 19yrs. Machinist.	24yrs. Pleura. 1lyrs. Pleura. 1yr. Hilar Adenitis.	39yrs. Pleura. 10yrs. Glands (Neck and Thorax).	37yrs. Engineer. 64yrs. No occupation. 36yrs. Clicker. 28yrs. No known occ. 44yrs. Yard Labourer. 74yrs. Solicitor.	65yrs. Housewife.		
(14)	(6)	(3)	(2)	(6)	(1)	(-)	(-)

FACTORIES ACT 1937 & 1948

Prescribed particulars which are required by section 128(3) of the Factories Act 1937, with respect to matters which are administered by the District Council.

1. INSPECTIONS FOR PURPOSES OF THE PROVISIONS AS TO HEALTH
(INCLUDING INSPECTIONS MADE BY SANITARY INSPECTOR).

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
1. Factories in which sections 1,2,3,4,&6 are to be enforced by Local Authorities	83	35	9	-
2. Factories not included in (i) in which section 7 is enforced by the Local Authority.	14	-	-	-
3. Other premises under the Act (excluding out-workers' premises)	-	-	-	-
TOTALS	97	35	9	-

2. CASES IN WHICH DEFECTS WERE FOUND

Particulars	No. of cases in which defects were found				No. of cases in which prosecutions were instituted
	Found	Remedied	Referred To H.M. Inspector	By H.M. Inspector	
Want of cleanliness	6	6	-	5	-
Overcrowding	-	-	-	-	-
Unreasonable temperature	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Sanitary Conveniences					
(a) Insufficient	1	1	-	1	-
(b) Unsuitable or defective	2	2	-	1	-
(c) Not separate sexes	-	-	-	-	-
Other offences	-	-	-	-	-
TOTALS	9	9	-	7	-

MEAT AND OTHER FOODS

No slaughterhouses are in operation in the district but routine visits have been made to food premises. Whenever unsound food was reported it was dealt with by the issue of informal surrender notes.

WATER SUPPLYThe Counties Public Health Laboratories66 Victoria St.
London. S.W.1.

Analysis of a sample of water received 2.1.50 Ref: F/WW/35.
from West Gloucestershire Water Company. Labelled California Pumping
Station. Output water, tap in softening house. Date: 1.1.50.11.11am.
Taken by: W. Whittern. Witness: W. Anstee. Signed: W. Whittern.

Chemical results expressed in parts per million

Appearance: Bright with very few mineral particles. Turbidity: Less than 3.
Colour: Nil. Odour: Nil. Taste: Normal.
pH: 7.3. Free carbon dioxide: 25.
Electric conductivity: 990. Alkalinity as Ca CO₃ 345.

Ca	Mg	Na	CO ₃	SO ₄	Cl	NO ₃	SiO ₂	Hypothetical Combinations
66	18.1	159	207	162	46	8	10	
66			99					Calcium Carbonate 165
	18.1		45					Magnesium Carbonate 63
		48	63					Sodium Carbonate 111
		78		162				Sodium Sulphate 240
		30			46			Sodium Chloride 76
		3				8		Sodium Nitrate 11
								Silica 10
								Difference 39
Total solid constituents dried at 180°C.								715

Hardness-Total ϕ 240. Carbonate 240. Non-carbonate 0.
Nitrate Nitrogen 1.8. Nitrite Nitrogen Less than 0.01.
Ammoniacal Nitrogen 0.000. Oxygen absorbed 0.30.
Albuminoid Nitrogen 0.026. Residual Chlorine Absent.
Metals Absent. Fluoride (F) 0.3.
 ϕ Calculated from the calcium and magnesium contents.

Bacteriological results

Number of Colonies developing (1 day at 37°C. 2 days at 37°C. 3 days at 37°C
on Agar per l. in (0 0 0

Present in Absent from Probable No.

Presumptive Coli-aerogenes Reaction	-	ml.	100	ml.	0	per 100ml.
Bact. coli. (Type I)	-	ml.	100	ml.	0	per 100ml.
Cl. welchii Reaction	-	ml.	100	ml.		

15th January, 1950.



The Counties Public Health Laboratories66 Victoria St.
London, S.W.1.

Analysis of a sample of water received 2.1.50 Ref: F/WW/31.
from West Gloucestershire Water Company, Labelled Shipton Moyne,
Consumer's house tap (chlorinated water). Date 1.1.50. 11.00am.
Taken by: CW. Hooper. Witness: - . Signed: C.W. Hooper.

Chemical results expressed in parts per million

Appearance: Bright with very few mineral particles with a slight
subsequent deposition of iron oxide. Turbidity: Less than 3.
Colour: Filtered: Less than 10. Odour: Nil. Taste: Normal.
pH: 7.4. Free Carbon Dioxide: 14.
Electric Conductivity: 610 . Alkalinity as Ca CO₃: 240.

Ca	Mg	Na	CO ₃	SO ₄	Cl	NO ₃	SiO ₂	Hypothetical Combinations
80	8.8	53	144	46	45	0.0	14	
80			120					Calcium Carbonate 200
	8.8		22					Magnesium Carbonate 31
		2	2					Sodium Carbonate 4
		22		46				Sodium Sulphate 68
		29			45			Sodium Chloride 74
							14	Silica 14
								Difference 4
Total solid constituents dried at 180°C.								395

Hardness-Total ϕ 240. Carbonate 240. Non-carbonate 0.
Nitrate Nitrogen 0.0. Nitrite Nitrogen Less than 0.01.
Ammoniacal Nitrogen 0.10. Oxygen absorbed 0.00.
Albuminoid Nitrogen 0.000. Residual Chlorine 0.11.
Metals - Iron 0.28. Other metals absent.
Flouride(F) 0.4.

ϕ Calculated from the calcium and magnesium contents.

Bacteriological results

Number of Colonies developing (1 day at 37°C. 2 days at 37°C. 3 days at 20°C)
on Agar per ml. in (0 0 0)

	Present in	Absent from	Probable No
Presumptive Coli-aerogenes Reaction	— ml.	100 ml.	0 per 100 ml.
Bact. coli (Type I)	— ml.	100 ml.	0 per 100 ml.
Cl. welchii Reaction	100 ml.	10 ml.	

15th January 1950.

WATER SUPPLY continued -

It is interesting to note that one of the conclusions of the Water Softening report of the Sub-Committee of the Central Advisory Water Committee (1949) is as follows:-

PARAGRAPH 180 - THE DESIRABILITY OF -

1. Undertakers already softening their water supplies are doing a service to the community which is well worth the cost. They should continue to operate their plants (subject to the availability of materials) to produce as soft a water as possible consistent with other technical requirements.
2. Undertakers supplying hard water and so situate as to carry out softening at reasonable cost should be encouraged to plan to do so as soon as labour and materials can be spared from more urgent matters, but should reserve their final decision on softening until the last possible moment so as to be able to take into consideration the latest developments.
3. Undertakers unable by any reason to see their way to providing soft water for some time to come should, nevertheless, keep in mind the desirability of doing so and should, so far as possible, plan accordingly, not, however, making a final decision until it is possible to implement it.

PARAGRAPH 182 (p) - IMPLEMENTING A POLICY OF SOFTENING.

It will be appreciated that our conclusions are not such as could well be put into effect as a result of legislation. It is suggested that:-

- i. As soon as economic conditions allow, the Minister of Health should approve schemes already prepared by undertakers to soften their supplies, after being satisfied, of course, that the proposals are sound and unobjectionable in other ways.
- ii. As it is known that several undertakers are desirous of adopting softening, but have not prepared plans to do so, they should be informed that such proposals would receive favourable consideration, the actual time of carrying them out being dependent upon the materials and labour situation.
- iii. All other undertakers supplying water of hardness greater than 200 p.p.m. should be informed of our conclusions and asked to consider the matter. A number of them would doubtless find it possible to convince the Minister that softening schemes were out of the question for them for a number of years, but the remainder could be urged to take action.

